



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

OFFICE OF PESTICIDE PROGRAMS  
REGISTRATION DIVISION (7505P)

June 27, 2019

MEMORANDUM:

Subject: Acute Toxicity Review for EPA Reg. No./ File Symbol: 84229-LN

Applicant: Tide International, USA, Inc.  
Product Name: Tide Forchlorfenuron Technical  
DP Barcode: D449053  
Decision No.: 543536  
Action Code: R334  
PC Code(s): 128819 (Forchlorfenuron; 99.40%)

From: Bonaventure A. Akinlosotu, PhD   
Chemistry, Inerts and Toxicology Assessment Branch (CITAB)/Toxicology Team

To: Lindsay Roe, RM Team 22  
Herbicide Branch  
Registration Division (7505P)

FORMULATION FROM LABEL:

<u>Active Ingredient(s):</u>	<u>% by wt.</u>
Forchlorfenuron	99.40
<u>Other Ingredients:</u>	<u>00.60</u>
<b>Total:</b>	<b>100.00</b>

## BACKGROUND:

The applicant (Tide International, USA, Inc. – “Tide”) applied to register the subject proposed technical product containing the active ingredient, Forchlorfenuron. Tide claims the proposed product is “substantially similar in composition and labeling to a presently registered product (EPA Reg No 71049-2)”.

Using the selective method of data support to address the product specific acute toxicity requirements, the registrant cites six studies (MRIDs 443946 -06 thru -11), that were used to support the registration of the “me-too” product. A search of the Agency’s (OPP) electronic databases reveals that the six cited studies were reviewed and classified as acceptable (DP407226; February 6, 2014 – Forchlorfenuron Risk Assessment).

## RECOMMENDATIONS:

1. The Agency compared the formulation and labeling of the proposed product to those of the cited me-too product and determined that the two products are “substantially similar”; and that the cited acute toxicity data referenced above may be used to support the registration of the proposed product.
2. The acute toxicity profile for the proposed product (EPA File Symbol 84229-LN) is as follows (*Same as the “me-too” product 71049-2*):

Acute oral toxicity	III	Cited	MRID 44394609
Acute dermal toxicity	III	Cited	MRID 44394611
Acute inhalation toxicity	IV	Cited	MRID 44394608
Primary eye irritation	III	Cited	MRID 44394607
Primary skin irritation	IV	Cited	MRID 44394610
Dermal sensitization	Negative	Cited	MRID 44394606

3. The associated proposed basic CSF dated 6/5/18 must be reviewed and found acceptable by the Agency’s product chemistry reviewer.
4. The proposed label was screened as it pertains to the acute toxicity requirements. The final review of the labeling (uses, use directions, storage/disposal, etc.) is the purview of the RM team.

**LABELING:** The following are the precautionary and first aid statements for this product  
(*Similar to the “me-too” product 71049-2*):

**PRODUCT ID #:** 084229-00050

**PRODUCT NAME:** Tide Forchlorfenuron Technical

### **PRECAUTIONARY STATEMENTS**

**SIGNAL WORD:** CAUTION

#### **Hazards to Humans and Domestic Animals:**

Harmful if swallowed, absorbed through the skin or inhaled. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Avoid breathing (specify dust or vapor). Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse. Wear appropriate protective eyewear, if applicable.

#### **First Aid\*:**

If swallowed:

- Call a poison control center or doctor immediately for treatment advice.
- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to do so by a poison control center or doctor.
- Do not give anything by mouth to an unconscious person.

If on skin or clothing:

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call a poison control center or doctor for treatment advice.

If in eyes:

- Hold eye open and rinse slowly and gently with water for 15-20 minutes.
- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.
- Call a poison control center or doctor for treatment advice.

If inhaled:

- Move the person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.
- Call a poison control center or doctor for further treatment advice.

\*Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-800-xxx-xxxx for emergency medical treatment information.